

VALID

Pat. No. 05523550 - 1  
Issue Date: 12/24/01

Group ID: B  
User ID: rditri

Page 1  
KS: 2,131

Warning [Pages Of US References:]

page 2 has no references

Warning [Pages Of Foreign References:]

page 1 has no references

page 2 has no references

page 4 has no references

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Warning [Pages Of Other References:]

page 1 has no references

page 4 has no references

page 5 has no references

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pp. 3-4  
SB  
6/26

## JACKET

| <u>SERIAL NUMBER</u> | <u>FILING DATE</u> | <u>CLASS</u> | <u>SUBCLASS</u> | <u>GAU</u> |
|----------------------|--------------------|--------------|-----------------|------------|
| 09/525,488           | 03/15/00           | 725          | 82              | 2611       |

**FOREIGN PRIORITY**  
Country Document Number Date

## **DISCLAIMER**

1

**TITLE**

## Method and apparatus for transmitting wireless signals over media

**LATIN NAME**

## **VARIETAL DENOMINATION**

**MICROFICHE APPENDIX**

**ASSISTANT EXAMINER:**

First: \_\_\_\_\_ Middle: \_\_\_\_\_ Last: \_\_\_\_\_

Rueben Brown

**PRIMARY EXAMINER:**

First: \_\_\_\_\_ Middle: \_\_\_\_\_ Last: \_\_\_\_\_

Andrew Faile

**CLAIMS ALLOWED**

Total      Print

14 1

## DRAWINGS

Sheets    Figures    Print

11 11 Y

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SERIAL NUMBER CLASS SUBCLASS GAU



|                      |                  |                 |                     |
|----------------------|------------------|-----------------|---------------------|
| Steve                | Sheppard         | Yes             |                     |
| <u>City:</u>         | Sebastopol       |                 |                     |
| <u>State:</u> CA     | <u>ZIP Code:</u> | <u>Country:</u> | <u>Foreign ZIP:</u> |
| <u>INVENTOR NAME</u> |                  |                 |                     |
| <u>First:</u>        | <u>Middle:</u>   | <u>Last:</u>    | <u>Signed:</u>      |
| James                | L.               | Swisher         | Yes                 |
| <u>City:</u>         | Santa Rosa       |                 |                     |
| <u>State:</u> CA     | <u>ZIP Code:</u> | <u>Country:</u> | <u>Foreign ZIP:</u> |

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REFERENCES (Page 4) SERIAL NUMBER: 09/525,488  
FORM 892

U.S. REFERENCES

| <u>U.S. Pat No.</u> | <u>Date</u> | <u>Patentee</u> | <u>Class</u> | <u>SubClass</u> |
|---------------------|-------------|-----------------|--------------|-----------------|
| 5,969,714           | 10/1999     | Butcher         | 725          | 82              |
| 5,940,387           | 08/1999     | Humbleman       | 725          | 82              |

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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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| *6,317,884               | 11/2001     | Eames et al.    | 725          | 78              |
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| 5,905,941                | 05/1999     | Chanteau        | 725          | 127             |
| 5,528,582                | 06/1996     | Bodeep et al.   | 370          | 24              |

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Foreign Doc No.    Date    Country    Class    SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 6) SERIAL NUMBER: 09/525,488  
FORM 1449

U.S. REFERENCES

| <u>U.S. Pat No.</u>      | <u>Date</u> | <u>Patentee</u>  | <u>Class</u> | <u>SubClass</u> |
|--------------------------|-------------|------------------|--------------|-----------------|
| 5,715,020                | 02/1998     | Kuroiwa et al.   | 348          | 734             |
| 5,933,192                | 08/1999     | Crosby et al.    | 348          | 10              |
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| 5,842,111                | 11/1998     | Byers            | 348          | 10              |
| 5,936,660                | 08/1999     | Gurantz          | 348          | 734             |
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| 5,953,045                | 09/1999     | Tanishima        | 348          | 10              |
| <1,1>5,708,961           | 01/1998     | Hylton et al.    | 348          | 6               |
| 5,701,153                | 12/1997     | Chen             | 455          | 2               |

FOREIGN REFERENCES

Foreign Doc No.    Date    Country    Class    SubClass

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~~Co-Pending Related U.S. Patent Application No. 09/612,562 Title:~~

~~Wireless and xDSL Residential Gateway and System Filed: Jul. 7, 2000.~~

Pat. No. 05523550 - 1  
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Page 5

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\*\*\*\*\* End of edited forms \*\*\*\*\*

CHECK LIST

Rule 47    Continuing Data    PCT    Disclaimer

No                  No                  No                  No

Microfiche Appendix    CPA tag

No                  No

Foreign Priority Claimed: No

Acknowledged: No

State Code: CA    Country Code:

Text Endorsement: 09525488.031500

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TITLE

Method and apparatus for transmitting wireless signals over media

LATIN NAME

VARIETAL DENOMINATION

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

First:

Middle:

Last:

Rueben

Brown

PRIMARY EXAMINER:

First: Middle: Last:

Andrew

Faile

CLAIMS ALLOWED

Total Print

14 1

DRAWINGS

Sheets Figures Print

11 11 Y

BLUE SLIP INFORMATION

SERIAL NUMBER CLASS SUBCLASS GAU

09/525,488 725 82 2611

INDEP. CLAIMS

TOTAL CLAIMS

1,3,4,7,9,12,13,14

14

BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class SubClass

H04N 7/18

CROSS-REFERENCES

Class SubClass

725 78

TERM EXTENSION

0

FIELD OF SEARCH

Class SubClass

725 74;78;79;80;82;85

**PTOL85b INFO**

**SERIAL NUMBER**      **FILING DATE**

09/525,488      03/15/00

**ASSIGNEE DATA PRESENT**      **DATE FEE PAID**

Yes      05/23/03

**EMAIL ADDRESS**

**ATTORNEYS**

**Type:**      **Firm/First:**      **Middle:**      **Last:**

Firm      Covington & Burling

**ASSIGNEES**

**Code: Firm/First:**      **Middle:**      **Last:**

02      Next Level Communications, Inc.

**City:**      **State: Country:**

Rohnert Park      CA

**Text:**

**OATH**

**INVENTOR NAME**

**First:**      **Middle:**      **Last:**      **Signed:**

Steve      Sheppard      Yes

**City:**      Sebastopol

**State:** CA    **ZIP Code:**    **Country:**    **Foreign ZIP:**

**INVENTOR NAME**

First: \_\_\_\_\_ Middle: \_\_\_\_\_ Last: \_\_\_\_\_ Signed: \_\_\_\_\_  
James L. Swisher Yes

**City:** Santa Rosa

**State:** CA    **ZIP Code:**    **Country:**    **Foreign ZIP:**

PCT INFO

**CONTINUING DATA (Page 1)**

**LINE**   **CODE**   **SERIAL NUMBER**   **FILING DATE**   **STATUS**   **DOCUMENT NO.**   **ISSUE DATE**

REFERENCES (Page 1) SERIAL NUMBER: 09/525,488  
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|---------------------|-------------|-----------------|--------------|-----------------|
| 5,708,961           | 01/1998     | Hylton et al.   | 725          | 81              |

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REFERENCES (Page 2) SERIAL NUMBER: 09/525,488  
FORM 1449

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U.S. Pat No.      Date      Patentee      Class      SubClass

#### FOREIGN REFERENCES

FOREIGN REFERENCES      Date      Country      Class      SubClass

**OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)**

Co-pending U.S. Application [190 [0 09/526,100 filed on Mar. 15, 2000.

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Co-pending U.S. Application [190 [0 09/488,275 filed on Jan. 20, 2000.

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Generic Requirement, Bellcore, [37 Active Network Interface Device (Residential Gateway), [38 [0 GR-2890-CORE, issue 2, Nov. 1996, 19 pp.

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| *6,317,884               | 11/2001     | Eames et al.    | 725          | 78              |
| No issue date available. |             |                 |              |                 |
| 5,905,941                | 05/1999     | Chanteau        | 725          | 127             |
| 5,528,582                | 06/1996     | Bodeep et al.   | 370          | 24              |

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|                 |                                                  |     |     |
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| 5,659,353       | 08/1997 Kostreski et al.                         | 348 | 21  |
| 5,729,279       | 03/1998 Fuller                                   | 348 | 384 |
| 5,521,631       | 05/1996 Budow et al.                             | 348 | 6   |
| 5,628,055       | 05/1997 Stein                                    | 455 | 89  |
| 5,842,111       | 11/1998 Byers                                    | 348 | 10  |
| 5,936,660       | 08/1999 Gurantz                                  | 348 | 734 |
| 5,917,624       | 06/1999 Wagnér                                   | 359 | 125 |
| *<5,1>6,317,884 | 11/2001 Eames et al.<br>No issue date available. | 348 | 6   |
| 5,953,045       | 09/1999 Tanishima                                | 348 | 10  |
| <1,1>5,708,961  | 01/1998 Hylton et al.                            | 348 | 6   |
| 5,701,152       | 12/1997 Chen                                     | 455 | 2   |

FOREIGN REFERENCES

Foreign Doc No.    Date    Country    Class    SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

Co-Pending Related U.S. Patent Application No. 09/612,562 Title:

Wireless and xDSL Residential Gateway and System Filed: Jul. 7, 2000.

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VALID

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Group ID: B  
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Fixed  
12/26/01

## JACKET

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|----------------------|--------------------|--------------|-----------------|------------|
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| <u>FOREIGN</u> | <u>PRIORITY</u> |      |
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| Country        | Document Number | Date |

## **DISCLAIMER**

1

**TITLE**

## Method and apparatus for transmitting wireless signals over media

**LATIN NAME**

## **VARIETAL DENOMINATION**

**MICROFICHE APPENDIX**

**ASSISTANT EXAMINER:**

First: \_\_\_\_\_ Middle: \_\_\_\_\_ Last: \_\_\_\_\_

Rueben Brown

**PRIMARY EXAMINER:**

First: Middle: Last:

Andrew Faile

**CLAIMS ALLOWED**

CHAINS    RECOVERED  
Total    Print

14 1

## DRAWINGS

DRAWINGS      Sheets      Figures      Print

11 11 V

SERIAL NUMBER CLASS SUBCLASS GAU



Steve Sheppard Yes

City: Sebastopol

State: CA    ZIP Code:    Country:    Foreign ZIP:

INVENTOR NAME

First:                        Middle:                        Last:                        Signed:

James L. Swisher Yes

City: Santa Rosa

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REFERENCES (Page 4) SERIAL NUMBER: 09/525,488  
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REFERENCES (Page 5) SERIAL NUMBER: 09/525,488  
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Page 5

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\*\*\*\*\* End of edited forms \*\*\*\*\*

CHECK LIST

Rule 47    Continuing Data    PCT    Disclaimer

NO                  NO                  NO                  NO

Microfiche Appendix    CPA tag

NO                  NO

Foreign Priority Claimed: No

Acknowledged: No

State Code: CA    Country Code:

Text Endorsement: 09525488.031500

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Rueben

Brown

PRIMARY EXAMINER:

First:                   Middle:                   Last:

Andrew

Faile

CLAIMS ALLOWED  
Total   Print

14       1

DRAWINGS

Sheets   Figures   Print

11       11       Y

BLUE SLIP INFORMATION

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|----------------------|--------------|-----------------|------------|
| 09/525,488           | 725          | 82              | 2611       |

| <u>INDEP. CLAIMS</u> | <u>TOTAL CLAIMS</u> |
|----------------------|---------------------|
| 1,3,4,7,9,12,13,14   | 14                  |

BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION  
Class   SubClass

H04N      7/18

CROSS-REFERENCES  
Class   SubClass

725      78

TERM EXTENSION

0

FIELD OF SEARCH

Class   SubClass

725 74;78;79;80;82;85

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Yes      05/23/03

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**ATTORNEYS**

**Type:**      **Firm/First:**      **Middle:**      **Last:**

Firm      Covington & Burling

**ASSIGNEES**

**Code:** **Firm/First:**      **Middle:**      **Last:**

02      Next Level Communications, Inc.

**City:**      **State: Country:**

Rohnert Park      CA

**Text:**

**OATH**

**INVENTOR NAME**

**First:**      **Middle:**      **Last:**      **Signed:**

Steve      Sheppard      Yes

**City:**      Sebastopol

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User ID: rditri

Page 9

**State:** CA    **ZIP Code:**    **Country:**    **Foreign ZIP:**

**INVENTOR NAME**

First: James      Middle: L.      Last: Swisher      Signed: Yes

**City:** Santa Rosa

**State:** CA    **ZIP Code:**    **Country:**    **Foreign ZIP:**

**PCT INFO**

**CONTINUING DATA (Page 1)**

LINE CODE SERIAL NUMBER FILING DATE STATUS DOCUMENT NO. ISSUE DATE

REFERENCES (Page 1) SERIAL NUMBER: 09/525,488  
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**FORM 1449**

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